

Magnitude 7 Metals LLC
FINAL Potline Roof and Stack Total Results

Potline 1			PARTICULATE (lbs/ton Al)				POM (lbs/ton Al)				FLUORIDE (lbs/ton Al)			
Start Date	Start Time	Run	ROOF	STACK	TOTAL	LIMIT	ROOF	STACK	TOTAL	LIMIT	ROOF	STACK	TOTAL	LIMIT
01/12/21	9:00	1	4.2	0.4	4.6	7.4					1.5	0.5	2.0	1.9
01/26/21	9:00	2	3.3	0.4	3.7	7.4					1.3	0.5	1.7	1.9
02/02/21	9:00	3	6.2	0.4	6.6	7.4					2.2	0.5	2.6	1.9
Averages:			4.6	0.4	5.0	7.4				1.1	1.6	0.5	2.1	1.9

Potline 2			PARTICULATE (lbs/ton Al)				POM (lbs/ton Al)				FLUORIDE (lbs/ton Al)			
Start Date	Start Time	Run	ROOF	STACK	TOTAL	LIMIT	ROOF	STACK	TOTAL	LIMIT	ROOF	STACK	TOTAL	LIMIT
01/12/21	9:05	1	3.1	0.9	4.0	7.4					1.2	0.2	1.4	1.9
01/26/21	9:05	2	3.2	0.9	4.2	7.4					1.4	0.2	1.5	1.9
02/02/21	9:30	3	3.0	0.9	3.9	7.4					1.1	0.2	1.3	1.9
Averages:			3.1	0.9	4.0	7.4				1.1	1.2	0.2	1.4	1.9

Magnitude 7 Metals LLC

FINAL Potline Stack Results

Potline 1 Stack						LIMITS are the Total of Stack and Roof		
Start Date	Start Time	Run	PART. (lbs./ton Al)	POM (lbs./ton Al)	FLUORIDE (lbs./ton Al)	PART. LIMIT (lbs./ton Al)	POM LIMIT (lbs./ton Al)	FLUORIDE LIMIT (lbs./ton Al)
04/21/20	8:00	1 POM	0.26	0.21		7.4	1.1	
04/22/20	7:45	2 POM	0.11	0.17		7.4	1.1	
04/23/20	8:00	3 POM	0.76	0.19		7.4	1.1	
04/29/20	8:20	1			0.73			1.9
04/30/20	7:40	2			0.32			1.9
05/01/20	7:30	3			0.39			1.9
Averages:			0.38	0.19	0.48	7.4	1.1	1.9

Potline 2 Stack						LIMITS are the Total of Stack and Roof		
Start Date	Start Time	Run	PART. (lbs./ton Al)	POM (lbs./ton Al)	FLUORIDE (lbs./ton Al)	PART. LIMIT (lbs./ton Al)	POM LIMIT (lbs./ton Al)	FLUORIDE LIMIT (lbs./ton Al)
07/14/20	8:00	1POM		0.23			1.1	
07/15/20	7:45	2 POM		0.17			1.1	
07/16/20	7:55	3 POM		0.17			1.1	
07/20/20	8:30	1	1.12		0.20	7.4		1.9
07/21/20	7:40	2	1.02		0.17	7.4		1.9
07/22/20	7:40	3	0.61		0.15	7.4		1.9
Averages:			0.92	0.19	0.18	7.4	1.1	1.9

Magnitude 7 Metals LLC

STACK SAMPLE RESULTS

METHOD 14

LINE 1

Run Number 1

1/12/2021 - 1/13/2021

EPA Method # 5 & 14

METER VOLUME	919.285	CU. FT.
SQUARE ROOT OF DELTA P	0.344	SQ. ROOT IN. WATER
AVERAGE DELTA H	1.267	IN. WATER
METERED GAS TEMPERATURE	71.1	DEG. F
STATIC PRESSURE IN STACK	-0.33	IN. WATER
STACK TEMPERATURE	62.6	DEG. F
BAROMETRIC PRESSURE	30.04	IN. Hg
PROBE TIP DIAMETER	0.3185	INCHES
GAS METER CORRECTION FACTOR	0.993	
TOTAL SAMPLING TIME	1395.0	MINUTES
TOTAL WATER COLLECTED	-15.9	GRAMS
MOLECULAR WEIGHT	28.8	LB/LB-MOLE
SAMPLING DUCT AREA	1.25	SQ. FT.
TOTAL PARTICULATE COLLECTED	0.0356	GRAMS
GASEOUS FLUORIDE COLLECTED	0.00769	GRAMS
PARTICULATE FLUORIDE COLLECTED	0.00489	GRAMS
AVG ALUMINUM PRODUCTION RATE	457890	LBS./DAY/LINE
MANIFOLD ANEMOMETER VELOCITY	133.7	FT./MIN.
MANIFOLD THERMOCOUPLE TEMPERATURE	73.3	DEG. F
AVERAGE ROOF EXIT VELOCITY	121.1	FT./MIN.
AVERAGE ROOF EXIT TEMPERATURE	70.1	DEG. F
VOLUMETRIC FLOWRATE OUT ROOF	7734415	ACFM/LINE
VOLUME GAS SAMPLED	914.553	SCF
MOISTURE IN STACK GAS	-0.082	%
VELOCITY OF STACK GAS (ACTUAL)	1151	FT./MIN.
VOLUMETRIC FLOWRATE IN DUCT	1461	SCFM
PERCENT ISOKINETIC - TRAIN TO DUCT	101.40	%
VOLUMETRIC FLOWRATE OUT ROOF	7745803	SCFM/LINE
PERCENT ISOKINETIC - MANIFOLD TO ROOF	77.63	%
SECONDARY PARTICULATE CONCENTRATION	0.0014	GRAMS/SCM
SECONDARY PARTICULATE CONCENTRATION	0.00060	GRAINS/SCF
SECONDARY PARTICULATE EMISSION	39.83	LBS./HR.
SECONDARY PARTICULATE EMISSION	4.17	LBS./TON
PRIMARY PARTICULATE EMISSION	0.38	LBS./TON
PRIMARY AND SECONDARY PARTICULATE EMITTED	4.55	LBS./TON
GASEOUS FLUORIDE CONCENTRATION	0.297	MG./SCM
GASEOUS FLUORIDE CONCENTRATION	0.000130	GRAINS/SCF
PARTICULATE FLUORIDE CONCENTRATION	0.189	MG./SCM
PARTICULATE FLUORIDE CONCENTRATION	0.000083	GRAINS/SCF
TOTAL FLUORIDE CONCENTRATION	0.486	MG./SCM
TOTAL FLUORIDE CONCENTRATION	0.000212	GRAINS/SCF
TOTAL FLUORIDE EMISSION	14.093	LBS./HR./LINE
AVG. ALUMINUM PRODUCTION RATE	9.54	TON/HR./LINE
TOTAL SECONDARY FLUORIDE EMITTED	1.477	LBS./TON
TOTAL PRIMARY FLUORIDE EMITTED	0.477	LBS./TON
TOTAL PRIMARY AND SECONDARY FLUORIDE EMITTED	1.954	LBS./TON

Magnitude 7 Metals LLC

STACK SAMPLE RESULTS

METHOD 14

LINE 1

Run Number 2

1/26/2021 - 1/27/2021

EPA Method # 5 & 14

METER VOLUME	942.285	CU. FT.
SQUARE ROOT OF DELTA P	0.356	SQ. ROOT IN. WATER
AVERAGE DELTA H	1.333	IN. WATER
METERED GAS TEMPERATURE	72.1	DEG. F
STATIC PRESSURE IN STACK	-0.36	IN. WATER
STACK TEMPERATURE	68.9	DEG. F
BAROMETRIC PRESSURE	29.84	IN. Hg
PROBE TIP DIAMETER	0.3185	INCHES
GAS METER CORRECTION FACTOR	0.993	
TOTAL SAMPLING TIME	1395.0	MINUTES
TOTAL WATER COLLECTED	117.7	GRAMS
MOLECULAR WEIGHT	28.8	LB/LB-MOLE
SAMPLING DUCT AREA	1.25	SQ. FT.
TOTAL PARTICULATE COLLECTED	0.0297	GRAMS
GASEOUS FLUORIDE COLLECTED	0.00759	GRAMS
PARTICULATE FLUORIDE COLLECTED	0.00370	GRAMS
AVG ALUMINUM PRODUCTION RATE	457890	LBS./DAY/LINE
MANIFOLD ANEMOMETER VELOCITY	133.8	FT./MIN.
MANIFOLD THERMOCOUPLE TEMPERATURE	80.0	DEG. F
AVERAGE ROOF EXIT VELOCITY	120.7	FT./MIN.
AVERAGE ROOF EXIT TEMPERATURE	76.4	DEG. F
VOLUMETRIC FLOWRATE OUT ROOF	7708868	ACFM/LINE
VOLUME GAS SAMPLED	929.612	SCF
MOISTURE IN STACK GAS	0.592	%
VELOCITY OF STACK GAS (ACTUAL)	1204	FT./MIN.
VOLUMETRIC FLOWRATE IN DUCT	1489	SCFM
PERCENT ISOKINETIC - TRAIN TO DUCT	101.11	%
VOLUMETRIC FLOWRATE OUT ROOF	7527630	SCFM/LINE
PERCENT ISOKINETIC - MANIFOLD TO ROOF	81.15	%
SECONDARY PARTICULATE CONCENTRATION	0.0011	GRAMS/SCM
SECONDARY PARTICULATE CONCENTRATION	0.00049	GRAINS/SCF
SECONDARY PARTICULATE EMISSION	31.77	LBS./HR.
SECONDARY PARTICULATE EMISSION	3.33	LBS./TON
PRIMARY PARTICULATE EMISSION	0.38	LBS./TON
PRIMARY AND SECONDARY PARTICULATE EMITTED	3.71	LBS./TON
GASEOUS FLUORIDE CONCENTRATION	0.288	MG./SCM
GASEOUS FLUORIDE CONCENTRATION	0.000126	GRAINS/SCF
PARTICULATE FLUORIDE CONCENTRATION	0.141	MG./SCM
PARTICULATE FLUORIDE CONCENTRATION	0.000061	GRAINS/SCF
TOTAL FLUORIDE CONCENTRATION	0.429	MG./SCM
TOTAL FLUORIDE CONCENTRATION	0.000187	GRAINS/SCF
TOTAL FLUORIDE EMISSION	12.093	LBS./HR./LINE
AVG. ALUMINUM PRODUCTION RATE	9.54	TON/HR./LINE
TOTAL SECONDARY FLUORIDE EMITTED	1.268	LBS./TON
TOTAL PRIMARY FLUORIDE EMITTED	0.477	LBS./TON
TOTAL PRIMARY AND SECONDARY FLUORIDE EMITTED	1.745	LBS./TON

Magnitude 7 Metals LLC

STACK SAMPLE RESULTS

METHOD 14

LINE 1

Run Number 3

2/2/2021 - 2/3/2021

EPA Method # 5 & 14

METER VOLUME	901.275	CU. FT.
SQUARE ROOT OF DELTA P	0.345	SQ. ROOT IN. WATER
AVERAGE DELTA H	1.238	IN. WATER
METERED GAS TEMPERATURE	71.6	DEG. F
STATIC PRESSURE IN STACK	-0.36	IN. WATER
STACK TEMPERATURE	61.7	DEG. F
BAROMETRIC PRESSURE	29.86	IN. Hg
PROBE TIP DIAMETER	0.3164	INCHES
GAS METER CORRECTION FACTOR	0.987	
TOTAL SAMPLING TIME	1395.0	MINUTES
TOTAL WATER COLLECTED	91.0	GRAMS
MOLECULAR WEIGHT	28.8	LB/LB-MOLE
SAMPLING DUCT AREA	1.25	SQ. FT.
TOTAL PARTICULATE COLLECTED	0.0542	GRAMS
GASEOUS FLUORIDE COLLECTED	0.01185	GRAMS
PARTICULATE FLUORIDE COLLECTED	0.00690	GRAMS
AVG ALUMINUM PRODUCTION RATE	457193	LBS./DAY/LINE
MANIFOLD ANEMOMETER VELOCITY	114.0	FT./MIN.
MANIFOLD THERMOCOUPLE TEMPERATURE	72.3	DEG. F
AVERAGE ROOF EXIT VELOCITY	116.0	FT./MIN.
AVERAGE ROOF EXIT TEMPERATURE	70.8	DEG. F
VOLUMETRIC FLOWRATE OUT ROOF	7408688	ACFM/LINE
VOLUME GAS SAMPLED	885.445	SCF
MOISTURE IN STACK GAS	0.481	%
VELOCITY OF STACK GAS (ACTUAL)	1158	FT./MIN.
VOLUMETRIC FLOWRATE IN DUCT	1455	SCFM
PERCENT ISOKINETIC - TRAIN TO DUCT	99.86	%
VOLUMETRIC FLOWRATE OUT ROOF	7323950	SCFM/LINE
PERCENT ISOKINETIC - MANIFOLD TO ROOF	91.60	%
SECONDARY PARTICULATE CONCENTRATION	0.0022	GRAMS/SCM
SECONDARY PARTICULATE CONCENTRATION	0.00095	GRAINS/SCF
SECONDARY PARTICULATE EMISSION	59.36	LBS./HR.
SECONDARY PARTICULATE EMISSION	6.23	LBS./TON
PRIMARY PARTICULATE EMISSION	0.38	LBS./TON
PRIMARY AND SECONDARY PARTICULATE EMITTED	6.61	LBS./TON
GASEOUS FLUORIDE CONCENTRATION	0.473	MG./SCM
GASEOUS FLUORIDE CONCENTRATION	0.000207	GRAINS/SCF
PARTICULATE FLUORIDE CONCENTRATION	0.275	MG./SCM
PARTICULATE FLUORIDE CONCENTRATION	0.000120	GRAINS/SCF
TOTAL FLUORIDE CONCENTRATION	0.748	MG./SCM
TOTAL FLUORIDE CONCENTRATION	0.000327	GRAINS/SCF
TOTAL FLUORIDE EMISSION	20.515	LBS./HR./LINE
AVG. ALUMINUM PRODUCTION RATE	9.52	TON/HR./LINE
TOTAL SECONDARY FLUORIDE EMITTED	2.154	LBS./TON
TOTAL PRIMARY FLUORIDE EMITTED	0.477	LBS./TON
TOTAL PRIMARY AND SECONDARY FLUORIDE EMITTED	2.631	LBS./TON

Magnitude 7 Metals LLC

STACK SAMPLE RESULTS

METHOD 14

LINE 2

Run Number 1

1/12/2021 - 1/13/2021

EPA Method # 5 & 14

METER VOLUME	963.315	CU. FT.
SQUARE ROOT OF DELTA P	0.357	SQ. ROOT IN. WATER
AVERAGE DELTA H	1.622	IN. WATER
METERED GAS TEMPERATURE	74.8	DEG. F
STATIC PRESSURE IN STACK	-0.54	IN. WATER
STACK TEMPERATURE	69.2	DEG. F
BAROMETRIC PRESSURE	30.04	IN. Hg
PROBE TIP DIAMETER	0.3264	INCHES
GAS METER CORRECTION FACTOR	0.998	
TOTAL SAMPLING TIME	1395.0	MINUTES
TOTAL WATER COLLECTED	-34.8	GRAMS
MOLECULAR WEIGHT	28.8	LB/LB-MOLE
SAMPLING DUCT AREA	1.25	SQ. FT.
TOTAL PARTICULATE COLLECTED	0.0479	GRAMS
GASEOUS FLUORIDE COLLECTED	0.01231	GRAMS
PARTICULATE FLUORIDE COLLECTED	0.00677	GRAMS
AVG ALUMINUM PRODUCTION RATE	459900	LBS./DAY/LINE
MANIFOLD ANEMOMETER VELOCITY	73.7	FT./MIN.
MANIFOLD THERMOCOUPLE TEMPERATURE	82.7	DEG. F
AVERAGE ROOF EXIT VELOCITY	62.7	FT./MIN.
AVERAGE ROOF EXIT TEMPERATURE	80.1	DEG. F
VOLUMETRIC FLOWRATE OUT ROOF	4004524	ACFM/LINE
VOLUME GAS SAMPLED	957.822	SCF
MOISTURE IN STACK GAS	-0.171	%
VELOCITY OF STACK GAS (ACTUAL)	1202	FT./MIN.
VOLUMETRIC FLOWRATE IN DUCT	1507	SCFM
PERCENT ISOKINETIC - TRAIN TO DUCT	98.01	%
VOLUMETRIC FLOWRATE OUT ROOF	3939638	SCFM/LINE
PERCENT ISOKINETIC - MANIFOLD TO ROOF	147.74	%
SECONDARY PARTICULATE CONCENTRATION	0.0020	GRAMS/SCM
SECONDARY PARTICULATE CONCENTRATION	0.00088	GRAINS/SCF
SECONDARY PARTICULATE EMISSION	29.71	LBS./HR.
SECONDARY PARTICULATE EMISSION	3.10	LBS./TON
PRIMARY PARTICULATE EMISSION	0.92	LBS./TON
PRIMARY AND SECONDARY PARTICULATE EMITTED	4.02	LBS./TON
GASEOUS FLUORIDE CONCENTRATION	0.517	MG./SCM
GASEOUS FLUORIDE CONCENTRATION	0.000226	GRAINS/SCF
PARTICULATE FLUORIDE CONCENTRATION	0.284	MG./SCM
PARTICULATE FLUORIDE CONCENTRATION	0.000124	GRAINS/SCF
TOTAL FLUORIDE CONCENTRATION	0.801	MG./SCM
TOTAL FLUORIDE CONCENTRATION	0.000350	GRAINS/SCF
TOTAL FLUORIDE EMISSION	11.820	LBS./HR./LINE
AVG. ALUMINUM PRODUCTION RATE	9.58	TON/HR./LINE
TOTAL SECONDARY FLUORIDE EMITTED	1.234	LBS./TON
TOTAL PRIMARY FLUORIDE EMITTED	0.176	LBS./TON
TOTAL PRIMARY AND SECONDARY FLUORIDE EMITTED	1.410	LBS./TON

Magnitude 7 Metals LLC

STACK SAMPLE RESULTS

METHOD 14

LINE 2

Run Number 2

1/26/2021 - 1/27/2021

EPA Method # 5 & 14

METER VOLUME	961.395	CU. FT.
SQUARE ROOT OF DELTA P	0.358	SQ. ROOT IN. WATER
AVERAGE DELTA H	1.608	IN. WATER
METERED GAS TEMPERATURE	75.7	DEG. F
STATIC PRESSURE IN STACK	-0.57	IN. WATER
STACK TEMPERATURE	76.9	DEG. F
BAROMETRIC PRESSURE	29.84	IN. Hg
PROBE TIP DIAMETER	0.3264	INCHES
GAS METER CORRECTION FACTOR	0.998	
TOTAL SAMPLING TIME	1395.0	MINUTES
TOTAL WATER COLLECTED	120.2	GRAMS
MOLECULAR WEIGHT	28.8	LB/LB-MOLE
SAMPLING DUCT AREA	1.25	SQ. FT.
TOTAL PARTICULATE COLLECTED	0.0513	GRAMS
GASEOUS FLUORIDE COLLECTED	0.01353	GRAMS
PARTICULATE FLUORIDE COLLECTED	0.00810	GRAMS
AVG ALUMINUM PRODUCTION RATE	459900	LBS./DAY/LINE
MANIFOLD ANEMOMETER VELOCITY	91.6	FT./MIN.
MANIFOLD THERMOCOUPLE TEMPERATURE	94.9	DEG. F
AVERAGE ROOF EXIT VELOCITY	70.6	FT./MIN.
AVERAGE ROOF EXIT TEMPERATURE	89.7	DEG. F
VOLUMETRIC FLOWRATE OUT ROOF	4509081	ACFM/LINE
VOLUME GAS SAMPLED	947.945	SCF
MOISTURE IN STACK GAS	0.593	%
VELOCITY OF STACK GAS (ACTUAL)	1220	FT./MIN.
VOLUMETRIC FLOWRATE IN DUCT	1486	SCFM
PERCENT ISOKINETIC - TRAIN TO DUCT	98.37	%
VOLUMETRIC FLOWRATE OUT ROOF	4296437	SCFM/LINE
PERCENT ISOKINETIC - MANIFOLD TO ROOF	121.58	%
SECONDARY PARTICULATE CONCENTRATION	0.0019	GRAMS/SCM
SECONDARY PARTICULATE CONCENTRATION	0.00084	GRAINS/SCF
SECONDARY PARTICULATE EMISSION	31.00	LBS./HR.
SECONDARY PARTICULATE EMISSION	3.24	LBS./TON
PRIMARY PARTICULATE EMISSION	0.92	LBS./TON
PRIMARY AND SECONDARY PARTICULATE EMITTED	4.16	LBS./TON
GASEOUS FLUORIDE CONCENTRATION	0.508	MG./SCM
GASEOUS FLUORIDE CONCENTRATION	0.000222	GRAINS/SCF
PARTICULATE FLUORIDE CONCENTRATION	0.304	MG./SCM
PARTICULATE FLUORIDE CONCENTRATION	0.000133	GRAINS/SCF
TOTAL FLUORIDE CONCENTRATION	0.812	MG./SCM
TOTAL FLUORIDE CONCENTRATION	0.000355	GRAINS/SCF
TOTAL FLUORIDE EMISSION	13.070	LBS./HR./LINE
AVG. ALUMINUM PRODUCTION RATE	9.58	TON/HR./LINE
TOTAL SECONDARY FLUORIDE EMITTED	1.364	LBS./TON
TOTAL PRIMARY FLUORIDE EMITTED	0.176	LBS./TON
TOTAL PRIMARY AND SECONDARY FLUORIDE EMITTED	1.540	LBS./TON

Magnitude 7 Metals LLC

STACK SAMPLE RESULTS

METHOD 14
LINE 2

Run Number 3

2/2/2021 - 2/3/2021

EPA Method # 5 & 14

METER VOLUME	977.435	CU. FT.
SQUARE ROOT OF DELTA P	0.365	SQ. ROOT IN. WATER
AVERAGE DELTA H	1.633	IN. WATER
METERED GAS TEMPERATURE	74.4	DEG. F
STATIC PRESSURE IN STACK	-0.56	IN. WATER
STACK TEMPERATURE	66.6	DEG. F
BAROMETRIC PRESSURE	29.86	IN. Hg
PROBE TIP DIAMETER	0.3229	INCHES
GAS METER CORRECTION FACTOR	0.997	
TOTAL SAMPLING TIME	1395.0	MINUTES
TOTAL WATER COLLECTED	85.9	GRAMS
MOLECULAR WEIGHT	28.8	LB/LB-MOLE
SAMPLING DUCT AREA	1.25	SQ. FT.
TOTAL PARTICULATE COLLECTED	0.0442	GRAMS
GASEOUS FLUORIDE COLLECTED	0.00977	GRAMS
PARTICULATE FLUORIDE COLLECTED	0.00711	GRAMS
AVG ALUMINUM PRODUCTION RATE	471856	LBS./DAY/LINE
MANIFOLD ANEMOMETER VELOCITY	95.0	FT./MIN.
MANIFOLD THERMOCOUPLE TEMPERATURE	82.5	DEG. F
AVERAGE ROOF EXIT VELOCITY	78.4	FT./MIN.
AVERAGE ROOF EXIT TEMPERATURE	80.2	DEG. F
VOLUMETRIC FLOWRATE OUT ROOF	5007252	ACFM/LINE
VOLUME GAS SAMPLED	965.358	SCF
MOISTURE IN STACK GAS	0.417	%
VELOCITY OF STACK GAS (ACTUAL)	1232	FT./MIN.
VOLUMETRIC FLOWRATE IN DUCT	1533	SCFM
PERCENT ISOKINETIC - TRAIN TO DUCT	99.22	%
VOLUMETRIC FLOWRATE OUT ROOF	4866937	SCFM/LINE
PERCENT ISOKINETIC - MANIFOLD TO ROOF	117.93	%
SECONDARY PARTICULATE CONCENTRATION	0.0016	GRAMS/SCM
SECONDARY PARTICULATE CONCENTRATION	0.00071	GRAINS/SCF
SECONDARY PARTICULATE EMISSION	29.48	LBS./HR.
SECONDARY PARTICULATE EMISSION	3.00	LBS./TON
PRIMARY PARTICULATE EMISSION	0.92	LBS./TON
PRIMARY AND SECONDARY PARTICULATE EMITTED	3.92	LBS./TON
GASEOUS FLUORIDE CONCENTRATION	0.357	MG./SCM
GASEOUS FLUORIDE CONCENTRATION	0.000156	GRAINS/SCF
PARTICULATE FLUORIDE CONCENTRATION	0.260	MG./SCM
PARTICULATE FLUORIDE CONCENTRATION	0.000114	GRAINS/SCF
TOTAL FLUORIDE CONCENTRATION	0.617	MG./SCM
TOTAL FLUORIDE CONCENTRATION	0.000270	GRAINS/SCF
TOTAL FLUORIDE EMISSION	11.257	LBS./HR./LINE
AVG. ALUMINUM PRODUCTION RATE	9.83	TON/HR./LINE
TOTAL SECONDARY FLUORIDE EMITTED	1.145	LBS./TON
TOTAL PRIMARY FLUORIDE EMITTED	0.176	LBS./TON
TOTAL PRIMARY AND SECONDARY FLUORIDE EMITTED	1.321	LBS./TON